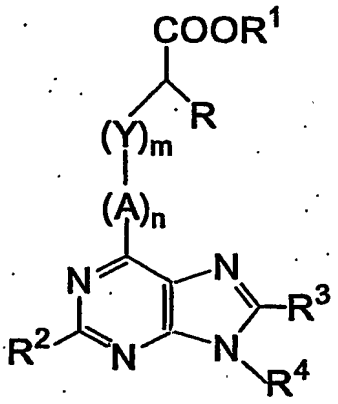
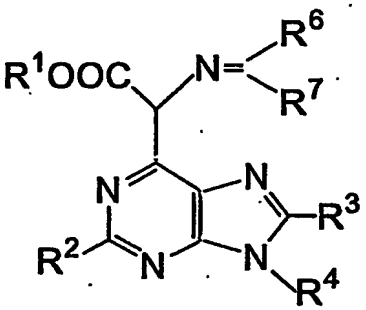
Claims:

1. A (purin-6-yl)amino acid represented by formula (1):



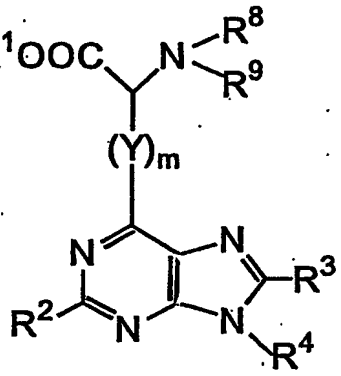
wherein R^1 is hydrogen, alkyl, optionally substituted aryl, optionally substituted heteroaryl or aralkyl; R^2 and R^3 are hydrogen, halogen, optionally substituted alkyl, optionally substituted aryl, optionally substituted heteroaryl, optionally substituted amino or optionally substituted hydroxy; and R is $-NH_2$, $-NHR'$ or $-NR'R''$, said R' and R'' are protecting group for amino group. Y is alkylene, alkenylene or alkynylene; A is optionally substituted phenylene; m and n are 0 or 1; and R^4 is hydrogen or organic group,
or its salt.

2. The (purin-6-yl)amino acid according to claim 1, which is represented by formula (2):



wherein R^1, R^2, R^3 and R^4 are as defined above; and R^6 and R^7 are optionally substituted aryl,
or its salt.

3. The (purin-6-yl)amino acid according to claim 1, which is represented by formula (3):

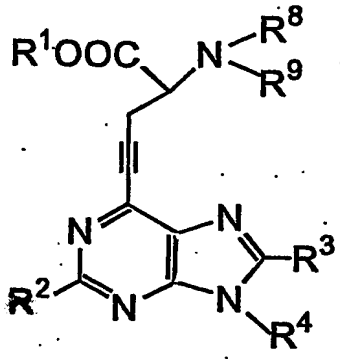


wherein R^1, R^2, R^3, R^4, Y and m are as defined above; and R^8 and R^9 are hydrogen or protecting group for amino group, or its salt.

4. The (purin-6-yl)amino acid according to claim 3, wherein m is 1 and Y is methylene, or its salt.

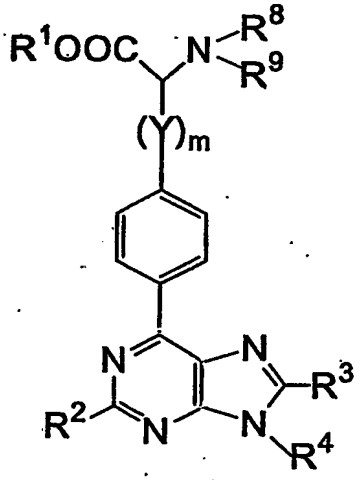
5. The (purin-6-yl)amino acid according to claim 3, wherein m is 1 and Y is trimethylene, or its salt.

6. The (purin-6-yl)amino acid according to claim 3, wherein m is 1 and Y is propynylene, which is represented by formula (4):



wherein R^1, R^2, R^3, R^4, R^8 and R^9 are as defined above, or its salt.

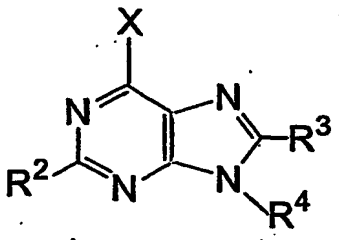
7. The (purin-6-yl)amino acid according to claim 1, which is represented by formula (5):



wherein R^1, R^2, R^3, R^4, R^8, R^9, Y and m are as defined above, or its salt.

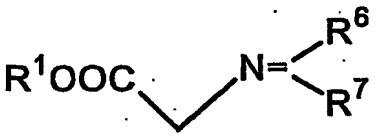
8. The (purin-6-yl)amino acid according to claim 7, wherein m is 1 and Y is methylene, or its salt.

9. A synthetic method of the (purin-6-yl)amino acid described in claim 2, which is made a halogenated purine compound represented by formula (6):



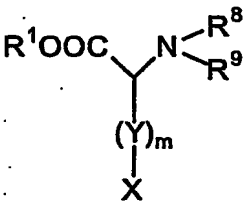
wherein X is halogen atom; and R^2, R^3 and R^4 are as defined above;

to react with an amino acid derivative represented by formula (7):



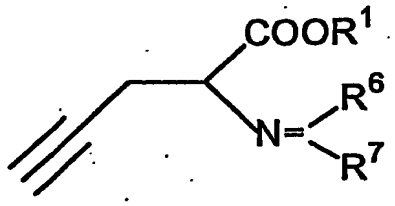
wherein R^1, R^6 and R^7 are as defined above.

10. A synthetic method of the (purin-6-yl)amino acid described in claim 3, which is made the halogenated purine compound represented by formula (6) to react with a halogenated amino acid derivative represented by formula (8):



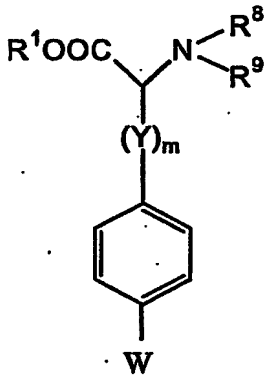
wherein R^1, R^8, R^9, X, Y and m are as defined above.

11. A synthetic method of the (purin-6-yl)amino acid described in claim 5, which is made the halogenated purine compound represented by formula (6) to react with an amino acid represented by formula (9):



wherein R^1, R^6 and R^7 are as defined above.

12. A synthetic method of the (purin-6-yl)amino acid described in claim 7, which is made the halogenated purine compound represented by formula (6) to react with an amino acid compound represented by formula (10):



wherein R^1, R^8, R^9, Y and m are as defined above; W is $-Sn(R^5)_3$, $-B(OH)_2$, $-B(OR^5)_2$ or $-MgX$; R^5 is lower alkyl; and X is as defined above.